



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY

ST. LOUIS DISTRICT, CORPS OF ENGINEERS
210 TUCKER BLVD., NORTH
ST. LOUIS, MISSOURI 63101-1986

January 11, 1988

Flood Plain Management Branch
Planning Division

Ms. Katie Biggs
U.S. Environmental Protection Agency
726 Minnesota Avenue
Kansas City, Kansas 66101

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SUPERFUND RECORDS

Dear Ms. Biggs:

The hydraulic analysis to determine a revised floodway for a portion of the reach of Coldwater Creek, between Pershall Road and Brown Road, has been completed. A copy of the map showing both the present floodway and the revised floodway, is enclosed. The map also shows the location of the spoil area which is located on the right overbank of the Coldwater Creek Flood Plain between cross sections "E" and "F" on the Hazelwood Flood Boundary and Floodway Map. The spoil area is not within the revised floodway.

The results of the hydraulic analysis show the revised floodway will have no more effect on the 100-Year frequency flood heights than the floodway published by FEMA for the City of Hazelwood and dated January 18, 1983. Also, the highest velocity value obtained in the right overbank area between sections "E" and "F" in the hydraulic analysis was 1.34 feet per second. Based on the soil types and conditions found in the spoil area, this is considered to be a non-scouring velocity; consequently, the spoil area would not be expected to erode during the 100-Year frequency flood event. I trust this information will be helpful to you; however, if you have any questions, please call me at 263-5505.

Sincerely,

Kenneth D. Corbin

Kenneth D. Corbin, P.E.
Chief, Flood Plain
Management Branch

RECEIVED

JAN 13 1988

EIS/404 BRANCH



Coldwater Creek
Floodway Map

1-8-88

X.D.C.



Coldwater Creek
Revised Floodway

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